

**AMENDMENT TO THE
INTERIM LAND USE PLAN (ILUP)
FOR
ROUND VALLEY REGIONAL PRESERVE
April 1997**

This amendment addresses the addition of a group camp to the original ILUP adopted for Round Valley Regional Preserve (Resolution No. 1996-10-281). The 1996 ILUP included inventories of the overall resources (natural, cultural, etc.) within the preserve, and proposals for interim improvements to allow public use of the parkland. The Round Valley group camp is being included as an additional improvement, which is consistent with the 1996 recommendations of the EBRPD Camping Task Force and the 1997 goals of the District Camping Program.

I. Project Description and Location

The camp will be a reservation-only, primitive, overnight camp for small organized groups (e.g., scout groups). The camp will be located on the west side of the preserve (Figures 1 and 2), in the foothills of the high ridge that forms the western slope of Round Valley.

II. Existing Conditions

The woodlands and grasslands of Round Valley Regional Preserve provide habitat for a variety of mammals, including San Joaquin kit fox, American badger, San Joaquin pocket mouse and Audubon's or desert cottontails. The preserve is also home to many birds, including nesting golden eagles, burrowing owls, loggerhead shrikes and several grassland nesting species. The camp will be located in an area of mixed oak woodland and grassland, with an understory of herbaceous vegetation and shrubs. Biological surveys were conducted in Spring 1997 to inventory the vegetation and wildlife habitat located specifically at the campsite. Species lists and impact discussion are included in the CEQA documentation for this project.

The campsite (approximately 2 acres in size) would be located on the flatter portions of a former homesite. The site is hidden from view in a small, semi-forested bowl on the western slope of the main valley and contains a formerly developed spring that is currently in disrepair. The site also contains an equipment shed and small residence of modern, pre-fabricated construction, that will be removed (as recommended in the 1996 ILUP). An archaeological literature review and walk-over survey was conducted for the preserve during preparation of the 1996 ILUP. Based on this information and a subsequent site visit by EBRPD staff, no prehistoric resources were identified or are expected to be found at the campsite. No reliable supply of potable water is currently available anywhere in the preserve, although EBRPD will attempt to develop a well at the Marsh Creek Road staging area, as discussed in the 1996 ILUP. Existing access to the camp from the staging area is via the multi-use Miwok and Murphy Meadow Trails, for a distance of about 3 miles.

III. Proposals for Interim Use

This will be a primitive group camp. Requirements for the camp are: flat tenting space for up to 25 persons; 2 picnic tables; 1 disabled-accessible restroom; horse troughs; tie lines; animal-proof garbage containers; cattle exclusion fencing, and appropriate signage. An adequate supply of potable water is not available but may be provided in the future. Camp users will have to provide their own potable water and cook on camp stoves. Two parking spaces will also be needed at the camp, for vehicles to be used in case of an emergency. Given the high wildlife value in Round Valley, a nighttime curfew will be established, in which campers will be restricted to the campsite and nighttime noise and activities will be kept to a minimum. Campers will be prohibited from collecting or handling wildlife without a permit. A camping guide will be prepared by the District describing proper camping etiquette in this sensitive wildlife area, for the use of group camping leaders. A short, multi-use trail spur (approximately 1,000 feet long) will need to be constructed to provide access to the camp. Campers will be dropped off at the Marsh Creek Road staging area, and campers will hike in, or ride on horses or bicycles. Overnight parking at the staging area will be discouraged unless and until a security residence is constructed there (as proposed in the 1996 ILUP for Round Valley). Use of the camp will be controlled through the Park District camping reservation system.

IV. Cost Estimate

A.	Trail spur with 2 creek crossings	2,500.00
B.	Signs	400.00
C.	Fencing	1,300.00
D.	Pit toilet/vault restroom*	1,200.00/10,000.00
E.	Trough and tie lines	400.00
F.	Two tables and garbage container	1700.00
G.	Camping guide preparation	<u>500.00</u>
	TOTAL	\$8,000.00-16,800.00
H.	(For future consideration) 10,000 gallon water tank (for fire suppression)	<u>4,900.00</u>

*Vault restroom may be required due to county environmental health regulations.

NEGATIVE DECLARATION

LEAD AGENCY: East Bay Regional Park District

NAME OF PROJECT: Round Valley Group Camp

PROJECT LOCATION: Southwest side of Round Valley Regional Preserve, Contra Costa County. Approximately 7 linear miles southwest of Brentwood and directly east of Morgan Territory Regional Preserve (see Figures 1 and 2).

PROJECT DESCRIPTION: This will be a primitive group camp. The camp will consist of: flat tenting space for up to 25 persons; picnic tables; disabled-accessible restrooms; horse troughs; tie lines; animal-proof garbage containers; cattle exclusion fencing; and appropriate signage. Two parking spaces will be provided at the camp, for vehicles to be used in case of an emergency. Campers will be dropped off at the Marsh Creek Road staging area, and campers will hike in, or ride in on horses or bicycles. Overnight parking at the staging area will be discouraged unless and until a security residence is constructed there (proposed in the 1996 ILUP for Round Valley). A short (approximately 1,000 foot) multi-use trail spur will be constructed to provide access to the camp. Use of the camp will be controlled through the Park District camping reservation system.

MITIGATION MEASURES:

- The Park District will continue to participate in ongoing studies to monitor the local kit fox population.
- The Park District will install animal-proof garbage containers at the camp.
- The Park District will continue to develop interpretive programs to educate the public on avoiding wildlife impacts.
- The Park District will prepare a camping guide describing proper camping etiquette in this sensitive wildlife area, for the use of group camping leaders.

DETERMINATION:

An Initial Study has been prepared under the direction of the East Bay Regional Park District's (EBRPD) Planning/Stewardship Department in which the environmental effects of the proposed project have been evaluated. On the basis of this Initial Study, a copy of which is attached, the EBRPD has found that the proposed project (including any mitigation measures which will be incorporated in the project) would not have a significant effect on the environment and, therefore, does not require an Environmental Impact Report.

ATTEST:

Maime Turner
Chief, Planning/Stewardship

DATE: 4/25/97

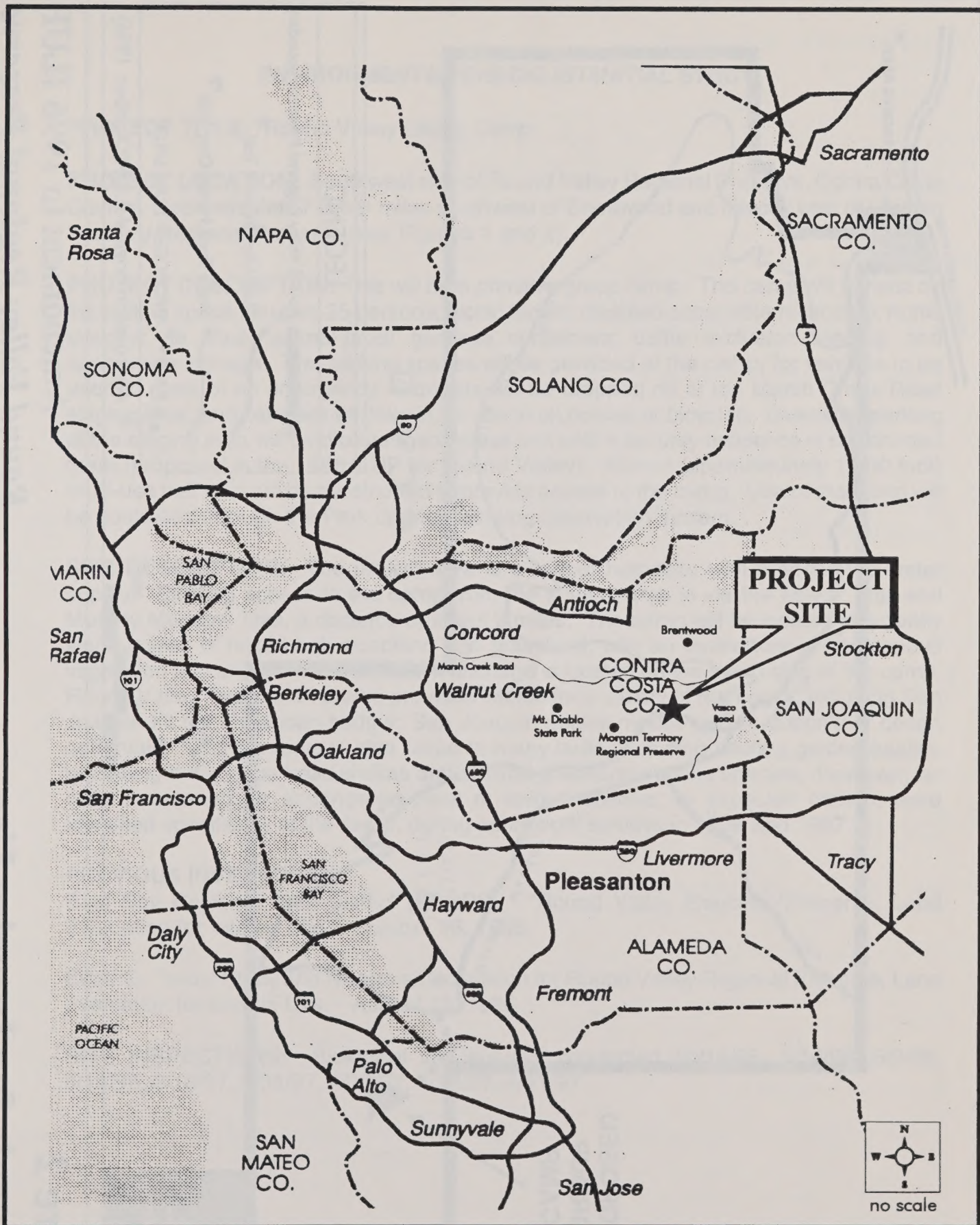


Figure 1
Regional Context

Amendment to 1996 ILUP
Round Valley Regional Preserve

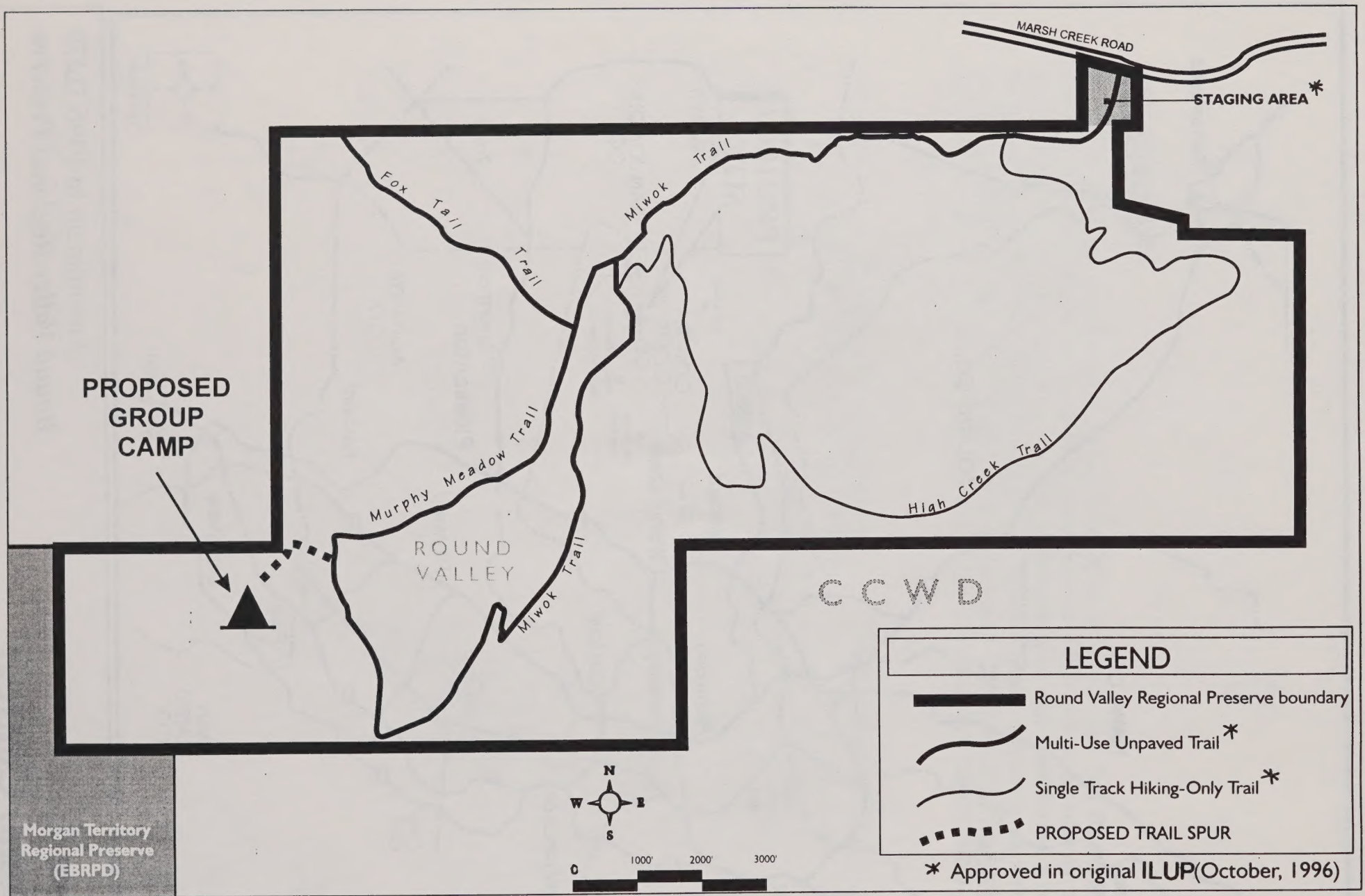


Figure 2
Proposals for Interim Use

Amendment to 1996 ILUP
Round Valley Regional Preserve

ENVIRONMENTAL CHECKLIST/INITIAL STUDY

PROJECT TITLE: Round Valley Group Camp

PROJECT LOCATION: Southwest side of Round Valley Regional Preserve, Contra Costa County. Approximately 7 linear miles southwest of Brentwood and directly east of Morgan Territory Regional Preserve (see Figures 1 and 2).

PROJECT DESCRIPTION: This will be a primitive group camp. The camp will consist of: flat tenting space for up to 25 persons; picnic tables; disabled-accessible restrooms; horse troughs; tie lines; animal-proof garbage containers; cattle exclusion fencing; and appropriate signage. Two parking spaces will be provided at the camp, for vehicles to be used in case of an emergency. Campers will be dropped off at the Marsh Creek Road staging area, and campers will hike in, or ride in on horses or bicycles. Overnight parking at the staging area will be discouraged unless and until a security residence is constructed there (proposed in the 1996 ILUP for Round Valley). A short (approximately 1,000 foot) multi-use trail spur will be constructed to provide access to the camp. Use of the camp will be controlled through the Park District camping reservation system.

SITE DESCRIPTION: The project area is a former homesite with a spring-fed water supply. Existing access to the camp from the staging area is via the Miwok Trail and Murphy Meadow Trail, a distance of about 3 miles. The camp will be located in a gently sloping area of mixed oak woodland and grassland, with an understory of herbaceous vegetation and shrubs. An intermittent drainage is located on the south side of the camp. Round Valley Regional Preserve provides habitat for a variety of mammals, including San Joaquin kit fox, American badger, San Joaquin pocket mouse and Audubon's or desert cottontails. The preserve is also home to many birds, including nesting golden eagles, burrowing owls, loggerhead shrikes and several grassland nesting species. However, no rare, threatened, or endangered plant or animal species, or expected habitat, were identified specifically at the camp, during springtime surveys in 1996 and 1997.

PREVIOUS INVENTORIES:

East Bay Regional Park District (EBRPD). "Round Valley Regional Preserve, Land Evaluation for Interim Use." October 15, 1996.

EBRPD. "Initial Study and Negative Declaration for Round Valley Regional Preserve, Land Evaluation for Interim Use." August 13, 1996.

SITE INSPECTIONS: Biological site surveys conducted 10/18/95, 3/14/96, 5/9/96, 6/14/96, 3/18/97, 3/31/97, 4/13/97, 4/14/97, 4/17/97.

ENVIRONMENTAL CHECKLIST

Project Impact Evaluation

The potential for a significant impact has been evaluated for the environmental issues listed below. Locations and descriptions of impacts and feasible mitigation measures are explained in the discussion following the checklist.

Would The PROJECT result in:

1. Hazard because of geologic, hydrologic, or soil conditions (seismic risk, flooding, landslides)?
2. Grading, excavation, fill, or change topsoil?
3. Altered stream, lake, pond, aquifer, bay, or marsh?
4. Changed site runoff rate or drainage pattern?
5. Degraded water quality or increased erosion and sedimentation affecting any water body?
6. Air quality deterioration or objectionable odors?
7. Increased average noise levels or intrusive noise from equipment or traffic on- or off-site?
8. Disturbance or removal of valuable vegetation or wildlife habitat (especially marsh or riparian)?
9. Reduction of number or habitat of any rare, unique, or endangered plant or animal?
10. Barrier to animal migration or species eliminated from the parkland?
11. New species of plants or animals introduced to the detriment of the native flora and fauna?
12. Effects on mosquito abatement program?
13. Changes to wildfire conditions (intensity, frequency or hazard)?
14. Damage to known or probable prehistoric or historic archaeologic resources?
15. Change or restrict unique ethnic cultural or religious uses?
16. A change to land use inconsistent with: city or county zoning; District parkland classification, Master Plan Units, Land Use-Development Plan; or adjacent land uses?

Potentially
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Potentially
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_____	_____	_____	X

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less-Than- Significant Impact	No Adverse Impact
17. Effects to human population distribution, growth rate or density, or quality/quantity of housing?	_____	_____	_____	<u>X</u>
18. A reduction in any type of recreational opportunity (reduced parkland acreage, access, or facilities)?	_____	_____	_____	<u>X</u>
19. Altered views from surrounding communities or within the parkland (because of grading, construction, structures, vehicle encroachment)?	_____	_____	_____	<u>X</u>
20. Changes to vehicular, equestrian, bicycle, or pedestrian circulation or access?	_____	_____	_____	<u>X</u>
21. Changes to on- or off-site parking?	_____	_____	_____	<u>X</u>
22. Increased traffic?	_____	_____	_____	<u>X</u>
23. Hazard to pedestrians, equestrians, bicyclists, or motorists on trails or roads, or at intersections?	_____	_____	_____	<u>X</u>
24. A change in utility facilities or service levels?	_____	_____	_____	<u>X</u>
25. A change in levels of police or fire protection?	_____	_____	_____	<u>X</u>
26. Increased vandalism, trespass, or arson?	_____	_____	_____	<u>X</u>
27. Exposure of people to natural or man-made health hazard; required emergency medical precautions; or increased risk of explosion or release of hazardous substances?	_____	_____	_____	<u>X</u>
28. Increased use or decreased availability of energy or any resource?	_____	_____	_____	<u>X</u>

Mandatory Findings of Significance

YES or NO

Does the PROJECT have the potential to:

29. Degrade the quality of the environment; substantially reduce the habitat of a fish or wildlife species; cause a fish or wildlife population to drop below self-sustaining levels; threaten to eliminate a plant or animal community; reduce the number or restrict the range of a rare or endangered plant or animal; or have a significant effect upon unique archaeological resources?

_____ X

YES or NO

30. Achieve immediate, but not long-term, environmental goals?

_____ X

31. Cause impacts which are individually limited, but cumulatively considerable?

_____ X

32. Have direct or indirect environmental effects which will cause substantially adverse effects on human beings?

_____ X

Public Agency Consultation and Possible Public Controversy

Have other agencies been consulted about the project?
(List agencies)

X _____

CCWD, US Fish & Wildlife, CA Dept of
Fish & Game, US Army Corps of Engineers, Regional
Water Quality Control Board

Does the project have identified public controversy?

X _____

CEQA DETERMINATION: PREPARE A

(X) NEGATIVE DECLARATION - Project would
have NO significant impact with the
incorporation of mitigation measures.

() ENVIRONMENTAL IMPACT REPORT -
Project needs further evaluation to determine
impacts. Identified areas of focus are:

If you have any questions, please contact Dan Sykes, Park Planner, in the Planning/Stewardship Department, at (510) 635-0138, ext. 2351.

Date: 4/25/97

Maxine Turner

Signature

Reference: CAC, Title 14, Sections 15029.5, 15080, 15081

IMPACT EVALUATION -- DISCUSSION

1. Seismic/flooding/landslide hazards: No Adverse Impact

No particular seismic, flooding or landslide hazards are present at the project area that would affect the proposed camp or trail spur.

2. Grading/excavation/fill: Less-Than-Significant Impact

Only minor grading and other earthwork will be required. This includes preparation of the project site and construction of a 10-12' wide trail spur (for camp access), for about 1,000 feet, across fairly level ground on the floor of the main valley.

3. Alteration to water bodies: Less-Than-Significant Impact

Depending on its final alignment, the trail spur may cross an intermittent drainage, requiring a ford or small bridge. This crossing will not significantly alter this waterway. The crossing will also be reviewed for compliance with all permit requirements of the U.S. Army Corps of Engineers and Regional Water Quality Control Board (under the Clean Water Act), and the California Department of Fish and Game (under the Section 1601 permit process).

4. Changed runoff/drainage pattern: No Adverse Impact

The project does not propose changes to the area's drainage or runoff pattern.

5. Degraded water quality/erosion/sedimentation: No Adverse Impact

The minor earthwork required for the project (see number 2 above) is not expected to create any significant water quality, erosion or sedimentation effects. Standard EBRPD erosion control and dust control procedures will be implemented as part of construction, in compliance with the EBRPD *Trail Manual*, EBRPD *Grading Manual*, and EBRPD contract documents.

6. Air quality deterioration/odors: No Adverse Impact

Dust and machinery exhaust during construction would be temporary and would be detectable only in the immediate vicinity of the project.

7. Increased noise: No Adverse Impact

The project would not adversely affect the existing ambient noise level in the project area. The only perceptible change in ambient noise level would be caused by equipment used during construction, which would be a temporary impact. No homes or sensitive receptors would be affected.

8. Disturbance/removal of valuable vegetation/habitat: Less-Than-Significant Impact

Minor amounts of vegetation will be removed in the project area, only as needed for preparing tenting areas and installing the few other facilities at the camp. A vegetation survey was conducted in the project area in March and April, 1997 (for a plant list, see Appendix A). Vegetation surveying included consulting the "Electronic Inventory of Vascular Plants of California" (California Native Plant Society) (see Appendix B). The vegetation in the project area is mixed oak woodland and grassland, with an understory of herbaceous vegetation and shrubs. No rare, threatened, or endangered plant populations were identified in the project area.

9. Reduction in number or habitat of rare, unique or endangered species: No Adverse Impact

Several special-status animal species inhabit Round Valley Regional Preserve, including San Joaquin kit fox, Alameda whipsnake, golden eagle, and California red-legged frog. Due to this fact, the camp location was chosen because it was formerly developed and is relatively isolated from the main valley. The campsite was surveyed by EBRPD biologists during Spring 1997 (for plant and wildlife lists, see Appendices A, B, and C). A population of purple needle grass, a native bunch grass, was identified on a slope adjacent to the proposed camp site. Additionally several special-status animal species utilize habitat in the vicinity of the camp (see additional discussion in response number 10, below). Construction of the primitive camp facilities would require little alteration of the existing topography or vegetation at the site. The project is therefore not expected to cause direct adverse impacts to this wildlife habitat. Potential impacts of camp use on special-status species are addressed under number 10, below.

10. Barrier to animal migration; species eliminated: Potentially Significant Unless Mitigation Incorporated

The presence of campers in Round Valley at night has the potential to disturb nocturnal activities of sensitive wildlife populations, including the San Joaquin kit fox. Camping also has the potential to attract scavengers (coyotes, raccoons, skunks, etc.), some of which are known kit fox predators.

Wildlife surveys were conducted at the site on March 18, and April 13 and 17, 1997, including spot light surveys for kit fox. The project area would support foraging activities for American badger and San Joaquin kit fox, but the extent of use could not be determined. It may be rarely used by these species as the site is above the valley floor and away from large open grasslands with dense ground squirrel populations. Coyote activity was also noted in the project area.

California red-legged frogs have been found in the drainages in the valley immediately downhill of the proposed campsite, but none were found at the site. It is unlikely that the frogs are breeding in this part of the preserve because of the

fast water and the temporary pools which hold little water in summer. The drainage on the south side of the campsite has been greatly disturbed by feral pig foraging, which may further limit the frogs' use of this drainage.

A golden eagle nest was identified south of the campsite. A courting pair of white-tailed kites were noted in the vicinity. The project area also is fair to good habitat for the Alameda whipsnake, although there are no sightings in the immediate vicinity. "Cover boards" were placed at the site in April 1997, but these failed to aid in whipsnake detection. The site supports a good population of rattlesnakes among rocky outcrops and wood piles.

Given the high wildlife value in Round Valley, a nighttime curfew will be established, in which campers will be restricted to the campsite, and nighttime noise and activities will be kept to a minimum. Campers will be prohibited from collecting or handling wildlife without a permit. Motor vehicle access within the preserve will be restricted to that needed for maintenance, research and public safety, to limit the potential for road kills. The Park District is also imposing a temporary restriction on dogs in the preserve. The District will reconsider this issue during the later preparation of a more detailed Land Use Plan for the preserve, and based on further discussions on the potential impact of dogs on federally endangered species. The Park District will continue to enforce the resource-conscious park use regulations contained in its Ordinance 38. The Park District employs a full-time staff of park rangers and police officers to enforce its park use regulations.

Additionally the Park District has developed several mitigation measures to address potential kit fox impacts, in cooperation with the U.S. Fish and Wildlife Service (USFWS) and California Department of Fish and Game (CDFG). These measures, which have been incorporated into the project design and operation of the preserve, ensure compliance with the federal and state endangered species acts.

MITIGATION:

- The Park District will continue to participate in ongoing studies to monitor the local kit fox population.
- The Park District will install animal-proof garbage containers at the camp.
- The Park District will continue to develop interpretive programs to educate the public on avoiding wildlife impacts.
- The Park District will prepare a camping guide describing proper camping etiquette in this sensitive wildlife area, for the use of group camping leaders.

11. New species introduced that are detrimental to native species: No Adverse Impact

Grazing, farming and other human uses have introduced many domesticated animals and other non-native plant and animal species onto the project area for decades. This project would not introduce additional non-native plant or animal species to the area.

12. Mosquito abatement program: No Adverse Impact

The project proposes no actions that would affect mosquito abatement.

13. Changes to wildfire conditions: Less-Than-Significant Impact

Public use of the group camp would not be likely to significantly increase the intensity, frequency or hazard of wildfires. The opening of this previously private land to the public is accompanied by an increased level of fire patrol and attention to vegetation management. Vegetation management will be consistent with the EBRPD Wildland Management Policies and Guidelines (EBRPD 1992) and will include continued grazing of the parkland for fire hazard reduction.

Fire risk issues are addressed District-wide in the EBRPD's Master Plan resource policies and public safety program. These include comprehensive fuel and wildland resource management programs (including grazing); a Remote Automated Weather Station system which monitors climate data related to fire risk; a park closure policy during Red Flag conditions; its own fire department; helicopter staff; park staff trained as firefighters; agreements with other fire agencies including the California Department of Forestry (CDF); and accessibility from public roads and fire trails. The EBRPD participates in the Mutual Aid System (MAS) coordinated among agencies in California, and it has a strong record of leading and cooperating on wildland fire response needs. The EBRPD finds that, with the above described existing programs, public use of the group camp would not have the potential for significant adverse changes to wildfire conditions.

14. Damage to archaeologic resources: No Adverse Impact

An archaeological literature review and walk-over survey was conducted for the preserve during preparation of the 1996 ILUP (Holman and Associates, June 1996). Based on this information, no prehistoric resources were identified or are expected at the campsite or along the trail spur. Furthermore, the project will require only a small amount of grading and other ground disturbance (see number 2 above). However, if unanticipated cultural resources should be unearthed or observed during construction, EBRPD policy provides that all earth-disturbing activities will be halted within at least 50 feet. The site would then be evaluated by a qualified archaeologist or architectural historian and appropriate procedures followed for treatment of the resources, pursuant to state and federal cultural resources law. This policy is incorporated into EBRPD construction contracts, and is reiterated in training provided to EBRPD staff.

15. Change or restrict unique ethnic cultural or religious uses: No Adverse Impact

The project area does not contain identified unique ethnic cultural or religious uses.

16. Land use inconsistencies: No Adverse Impact

The project area is a formerly developed home site. The primitive group camp would be consistent with the surrounding modestly developed park facilities within the preserve. The site is also hidden from view in a small, semi-forested bowl on the western slope of the main valley.

17. Effects on population change, distribution, growth, or housing: No Adverse Impact

The project would not affect human population distribution, growth rate or density, or quality/quantity of housing.

18. Recreational/parkland opportunities: No Adverse Impact

The project would provide an additional camping facility.

19. Altered views: No Adverse Impact

The site is hidden from view in a small, semi-forested bowl on the western slope of the main valley. The facilities at the primitive group camp would be consistent with the surrounding modestly developed park facilities within the preserve. No perceptible topographical changes would occur.

20. Changes to circulation/access: No Adverse Impact

No reduction in trail circulation or access is proposed.

21. Parking changes: No Adverse Impact

No reduction in existing parking is proposed.

22. Increased roadway traffic: No Adverse Impact

Traffic associated with the camp is not expected to be perceptibly greater than that already addressed in the 1996 Round Valley ILUP and Initial Study. The 1996 Initial Study predicted that visitor traffic to the preserve would not lower the existing Level of Service rating "A" that currently exists on Marsh Creek Road. There is expected to be limited traffic associated with the camp due to: the reservation-only status of the camp; the remote location of the preserve; and the small capacity of the camp. Additionally, camp visitors will be traveling at non-peak traffic times (weekends), with the camp most likely unoccupied on weekdays.

23. Hazards to trail users/motorists on roads and trails and at intersections: No Adverse Impact

The project does not present trail user hazards (e.g., dangerous road crossings).

24. Change in utility needs: No Adverse Impact

The project does not require any municipal utility needs.

25. Change in police or fire needs: No Adverse Impact

Access to the camp will be controlled via the Park District reservation system and park staff. Policing of the camp will be an incremental addition to the currently planned operation of this new preserve (as presented in the 1996 ILUP for Round Valley). Currently planned operations include park ranger patrol, fire and safety response and aerial helicopter surveillance of the preserve. (See also the discussion of fire protection under #13.) Overnight parking at the Marsh Creek Road staging area will be discouraged unless and until a security residence is constructed there (as proposed in the 1996 ILUP for Round Valley). In the interim, campers will be dropped off at the staging area, and campers will hike in, or ride in on horses or bicycles. Additional police and fire protection needs will continue to be considered during regular service planning by EBRPD's Public Safety and Fire Departments.

26. Increased vandalism, trespass or arson: No Adverse Impact

Opportunities for vandalism at the camp will be limited because few facilities will be constructed. However, EBRPD anticipates some increase in these activities with the opening of the preserve to the public, and will respond with an increased park personnel presence in the form of park ranger patrol, fire and safety response, and aerial helicopter surveillance of the parkland. (See also the discussion of fire protection under #13.)

27. Health hazards/medical precautions/explosion risk: No Adverse Impact

The project would not introduce the public to any identified significant health hazards within the park.

28. Increased use/decreased availability of energy/resources: No Adverse Impact

The project proposes no long-term use of energy.

Plant List - Round Valley: Aswad Group Camp - 3/31, 4/14/97

C Scientific Name	Common Name
X <i>Achillea millefolium</i>	Yarrow
X <i>Achyrrachaena mollis</i>	Blow Wives
X <i>Aesculus californica</i>	Buckeye, California
X <i>Allium serra</i>	Onion, Pink / Serrated
? <i>Amsinckia menziesii</i> var. <i>menziesii</i>	Fireweed, Rancher's
X <i>Anagallis arvensis</i>	Pimpernel, Scarlet
X <i>Artemisia californica</i>	Sagebrush, California
X <i>Avena barbata</i>	Oat, Slender Wild
X <i>Avena fatua</i>	Oat, Wild
X <i>Brassica nigra</i>	Mustard, Black
X <i>Bromus diandrus</i>	Brome, Ripgut
X <i>Bromus hordeaceus</i>	Brome, Soft
X <i>Bromus madritensis</i> ssp. <i>rubens</i>	Brome, Red Foxtail
X <i>Castilleja densiflora</i> ssp. <i>densiflora</i>	Owl's Clover, Common
X <i>Centaurea solstitialis</i>	Thistle, Yellow Star
X <i>Cerastium glomeratum</i>	Chickweed, Mouse-ear
X <i>Chlorogalum pomeridianum</i> var. <i>pomeridianum</i>	Soap Plant, Common
X <i>Cirsium vulgare</i>	Thistle, Bull
X <i>Clarkia</i> sp.	Clarkia
X <i>Claytonia perfoliata</i> ssp. <i>mexicana</i>	Miner's Lettuce, Angle-leaf
X <i>Delphinium hesperium</i> ssp. <i>pallenscens</i>	Larkspur, Pale Western
X <i>Delphinium parryi</i> ssp. <i>parryi</i>	Larkspur, Parry
X <i>Dichelostemma congestum</i>	Ookow
X <i>Eremocarpus setigerus</i>	Turkey Mullein
X <i>Erodium botrys</i>	Filaree, Long-beaked
X <i>Erodium cicutarium</i>	Filaree, Red-stem
X <i>Euphorbia spathulata</i>	Spurge, Wart
X <i>Galium aparine</i>	Bedstraw, Goosegrass
? <i>Galium californicum</i> ssp. <i>californicum</i>	Bedstraw, California
X <i>Geranium dissectum</i>	Geranium, Purpletip Cut-leaf
X <i>Geranium molle</i>	Geranium, Hairy Dove's Foot
X <i>Heteromeles arbutifolia</i>	Toyon
X <i>Hordeum murinum</i> ssp. <i>leporinum</i>	Barley, Hare
X <i>Lepidium nitidum</i> var. <i>nitidum</i>	Peppergrass, Threadleaf
X <i>Linanthus bicolor</i>	Linanthus, Bicolor
X <i>Lolium multiflorum</i>	Rye Grass, Awned Italian
X <i>Lupinus bicolor</i>	Lupine, Miniature Dove
X <i>Medicago polymorpha</i>	Bur Clover, California
? <i>Melica californica</i>	Melic Grass, California
X <i>Micropus californicus</i> var. <i>californicus</i>	Cottonweed, Slender
X <i>Nassella pulchra</i>	Needle Grass, Purple

Plant List - Round Valley: Aswad Group Camp - 3/31, 4/14/97

C Scientific Name	Common Name
X <i>Pellaea andromedifolia</i>	Fern, Coffee
X <i>Pentagramma triangularis</i> ssp. <i>triangularis</i>	Fern, Goldenback
X <i>Perideridia kelloggii</i>	Yampah, Kellogg
X <i>Plagiobothrys</i> sp.	Popcorn Flower
X <i>Plantago erecta</i>	Plantain, California Dwarf
X <i>Plectritis macrocera</i>	Plectritis, Longhorn
X <i>Poa secunda</i> ssp. <i>secunda</i>	Blue Grass, One-side
X <i>Quercus douglasii</i>	Oak, Blue
X <i>Quercus lobata</i>	Oak, Valley
X <i>Quercus wislizenii</i> var. <i>wislizenii</i>	Oak, Interior Live
X <i>Ranunculus californicus</i>	Buttercup, California
X <i>Rhamnus ilicifolia</i>	Redberry Buckthorn, Hollyleaf
X <i>Rorippa nasturtium-aquaticum</i>	Water Cress, White
X <i>Rumex crispus</i>	Dock, Curly
X <i>Salvia mellifera</i>	Sage, Black
X <i>Sanicula bipinnata</i>	Sanicle, Poison
X <i>Sanicula bipinnatifida</i>	Sanicle, Purple
X <i>Sherardia arvensis</i>	Madder, Blue Field
X <i>Silybum marianum</i>	Thistle, Milk
X <i>Sisyrinchium bellum</i>	Grass, Blue-eyed
X <i>Stellaria media</i>	Chickweed, Common
X <i>Toxicodendron diversilobum</i>	Poison Oak
X <i>Trifolium hirtum</i>	Clover, Rose
X <i>Trifolium willdenovii</i>	Clover, Tomcat
X <i>Triteleia laxa</i>	Ithuriel's Spear
X <i>Vicia sativa</i> ssp. <i>sativa</i>	Vetch, Spring
X <i>Vicia villosa</i> ssp. <i>varia</i>	Vetch, Winter

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AMSINCKIA GRANDIFLORA

"large-flowered fiddleneck"

Family: Boraginaceae

Life Form: Annual herb **Blooms:** April-May
CNPS List: [1B] R/T/E in Cal. and elsewhere **R-E-D:** 3-3-3
State: [CE] State listed, endangered **Status Report:** 1985
Federal: [FE] Federally listed, endangered
Counties: Alameda, Contra Costa, San Joaquin
Quads: Tracy (444B), Lone Tree Creek (444C), Midway (445A), Antioch South (464A), Tassajara (464D)
Habitat: Cismontane woodland, Valley and foothill grassland
Notes: Known from only three natural occurrences. Reduced by agriculture, development, and grazing; currently threatened by non-native plants and possibly by altered fire frequency. Recent reintroductions have occurred (444C, 464A, 464D) as part of State and Federal recovery work, but most declining as of 1994. See Botany of California 1:525 (1876) for original description, and Conservation Biology 7(3):510-526 (1993) for population biology.

ARCTOSTAPHYLOS AURICULATA

"Mt. Diablo manzanita"

Family: Ericaceae

Life Form: Shrub (evergreen) **Blooms:** January-March
CNPS List: [1B] R/T/E in Cal. and elsewhere **R-E-D:** 3-1-3
State: None **Status Report:** 1977
Federal: [C3c] Too widespread and/or not threatened
Counties: Contra Costa
Quads: Antioch South (464A), Clayton (464B), Diablo (464C), Tassajara (464D)
Habitat: Chaparral (sandstone)
Notes: Known from fewer than twenty occurrences. See Bulletin of the Torrey Botanical Club 32:202 (1905) for original description, and American Midland Naturalist 23:622 (1940) for taxonomic treatment.

ASTRAGALUS TENER VAR. TENER

"alkali milk-vetch"

Family: Fabaceae

Life Form: Annual herb **Blooms:** March-June
CNPS List: [1B] R/T/E in Cal. and elsewhere **R-E-D:** 3-2-3
State: None
Federal: None
Counties: Alameda [extirpated], Contra Costa [extirpated], Merced, Monterey [extirpated], Napa, San Benito [extirpated], Santa Clara [extirpated], San Francisco [extirpated], San Joaquin [extirpated], Solano, Sonoma [extirpated], Stanislaus [extirpated], Yolo
Quads: Salinas (365B) [extirpated], San Felipe (385B) [extirpated], Hollister (385C) [extirpated], San Luis Ranch (403A), Hatch (423B) [extirpated], Gustine (423C), Stevinson (423D), Crows Landing (424A) [extirpated], Milpitas (427B) [extirpated], Mountain View (428A) [extirpated], Altamont (445B) [extirpated], Hayward (447A) [extirpated], San Leandro (447B) [extirpated], Newark (447D) [extirpated], Stockton West (462A) [extirpated], Byron Hot Springs (463C) [extirpated], Walnut Creek (465A) [extirpated], Oakland East (465C) [extirpated], Richmond (466A) [extirpated], San Francisco North (466C) [extirpated], Oakland West (466D) [extirpated], Denverton (481B), Antioch North (481D), Fairfield South (482A), Cuttings Wharf (483A), Petaluma (484B) [extirpated], Saxon (497B), Dixon (498A) [extirpated], Elmira (498C), Dozier (498D), Fairfield North

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ASTRAGALUS TENER VAR. TENER (cont.)

(499D) [extirpated], Napa (500D) [extirpated], Grays Bend (513B), Davis (513C), Woodland (514A) [extirpated], Merritt (514D) [extirpated]

Habitat: Playas, Valley and foothill grassland (adobe clay), Vernal pools (alkaline)

Notes: Last Bay Area collection in 1959. Threatened by habitat destruction, especially agricultural conversion, and protected only at Jepson Prairie Preserve (TNC), SOL Co. See Proceedings of the American Academy of Arts and Sciences 6:206 (1864) for original description, and Systematic Botany 17(3):367-379 (1992) for distributional information.

ATRIPLEX CORDULATA
"heartscale"

Family: Chenopodiaceae

Life Form: Annual herb

Blooms: April-October

CNPS List: [1B] R/T/E in Cal. and elsewhere

R-E-D: 2-2-3

State: None

Federal: [C2] Data insufficient to support federal listing

Counties: Alameda, Contra Costa, Butte, Fresno, Glenn, King, Kern, Madera, Merced, San Joaquin [extirpated], Solano, Stanislaus [extirpated], Tulare, Yolo [extirpated]

Quads: Millux (215B), Mouth Of Kern (216A), Maricopa (216C), Wasco NW (264B), Sausalito School (287B), Delano East (287C), Pixley (288A), Alpaugh (288B), Allensworth (288C), Delano West (288D), Goshen (334C), Kerman (359A) [extirpated], Jamesan (359B), Tranquillity (360A), Gravelly Ford (380C), Firebaugh NE (381A) [extirpated], Poso Farm (381B), Mendota Dam (381D), El Nido (401B) [extirpated], Chowchilla (401D) [extirpated], Sa Luis Ranch (403A), Ingomar (403B) [extirpated], Volta (403C) [extirpated], Los Banos (403D), Arena (422C), Stevinson (423D), Crows Landing (424A) [extirpated], Altamont (445B), Byron Hot Springs (463C), Clifton Court Forebay (463D), Antioch South (464A), Birds Landing (481A), Honker Bay (481C), Antioch North (481D), Dozier (498D), Davis (513C) [extirpated], Pennington (561D), Logandale (562B)

Habitat: Chenopod scrub, Meadows, Valley and foothill grassland (sandy) / saline or alkaline

Notes: Need quads for KNG and SJQ counties. Similar to *A. coronata* var. *coronata*.

ATRIPLEX DEPRESSA
"brittlescale"

Family: Chenopodiaceae

Life Form: Annual herb

Blooms: May-October

CNPS List: [1B] R/T/E in Cal. and elsewhere

R-E-D: 2-2-3

State: None

Federal: None

Counties: Alameda, Butte, Contra Costa, Colusa, Fresno, Glenn, Kern, Madera, Merced, Solano, Stanislaus [extirpated], Tulare, Yolo

Quads: Lost Hills NE (265A), Allensworth (288C), Traver (334B) [extirpated], Laton (335B) [extirpated], Raisin (358C) [extirpated], Kerman (359A), Jamesan (359B), Helm (359D) [extirpated], Tranquillity (360A), Firebaugh NE (381A) [extirpated], El Nido (401B) [extirpated], Chowchilla (401D) [extirpated], Sandy Mush (402A), Hatch (423B) [extirpated], Stevinson (423D), Crows Landing (424A) [extirpated], Ripon (443B) [extirpated], Altamont (445B), Byron Hot Springs (463C), Clifton Court Forebay (463D), Denverton (481B), Antioch North (481D), Dozier (498D), Grays Bend (513B), Woodland (514A) [extirpated], Colusa (546A), Arbuckle (546D), Manor Slough (547A), Pennington (561D), Logandale (562B), Moulton Weir (562D), Willows (578C) [extirpated]

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ATRIPLEX DEPRESSA (cont.)

Habitat: Chenopod scrub, Playas, Valley and foothill grassland, Vernal pools / alkaline, clay

Notes: Threatened by development, grazing, and trampling. Closely related to *A. minuscula* and *A. parishii*; a synonym of the latter in *A California Flora* (1959) by P. Munz. See *Pittonia* 2:304 (1892) for original description.

ATRIPLEX JOAQUINIANA

"San Joaquin spearscale"

Family: Chenopodiaceae

Life Form: Annual herb

Blooms: April-September

CNPS List: [1B] R/T/E in Cal. and elsewhere

R-E-D: 2-2-3

State: None

Federal: [C2] Data insufficient to support federal listing

Counties: Alameda, Contra Costa, Colusa, Glenn, Merced, Napa, Sacramento, San Benito, Santa Clara [extirpated], San Joaquin [extirpated], Solano, Tulare [extirpated], Yolo

Quads: Hepsedam Peak (340D), San Felipe (385B) [extirpated], Hollister (385C), San Luis Ranch (403A), Ingomar (403B), Gilroy (406D) [extirpated], Gustine (423C), Milpitas (427B) [extirpated], Altamont (445B), Livermore (446A), Stockton West (462A) [extirpated], Woodward Island (463A), Brentwood (463B), Byron Hot Springs (463C), Clifton Court Forebay (463D), Antioch South (464A), Clayton (464B) [extirpated], Diablo (464C) [extirpated], Las Trampas Ridge (465D) [extirpated], Rio Vista (480B) [extirpated], Jersey Island (480C) [extirpated], Denverton (481B), Antioch North (481D), Cuttings Wharf (483A), Elmira (498C) [extirpated], Dozier (498D), Fairfield North (499D) [extirpated], Napa (500D), Clarksville (511A), Grays Bend (513B), Davis (513C), Dunnigan (530B) [extirpated], Manor Slough (547A), Wilbur Springs (547C), Logandale (562B), Stonyford (564A), Willows (578C) [extirpated]

Habitat: Chenopod scrub, Meadows, Valley and foothill grassland / alkaline

Notes: Need historical quads for TUL Co. Threatened by grazing, agriculture, and development.

BLEPHARIZONIA PLUMOSA SSP. *PLUMOSA*

"big tarplant"

Family: Asteraceae

Life Form: Annual herb

Blooms: July-October

CNPS List: [1B] R/T/E in Cal. and elsewhere

R-E-D: 3-3-3

State: None

Federal: None

Counties: Alameda, Contra Costa, San Joaquin [extirpated], Stanislaus [extirpated], Solano [extirpated]

Quads: Westley (443C) [extirpated], Tracy (444B) [extirpated], Altamont (445B), Livermore (446A), Union Island (462C) [extirpated], Brentwood (463B), Byron Hot Springs (463C), Walnut Creek (465A) [possibly extirpated], Honker Bay (481C) [possibly extirpated], Antioch North (481D) [possibly extirpated]

Habitat: Valley and foothill grassland

Notes: Need historical quads for SOL Co. Historical occurrences probably extirpated by agriculture and non-native plants; also threatened by residential development. See *Proceedings of the California Academy of Sciences* 1 5:49 (1873) for original description.

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CALOCHORTUS PULCHELLUS

"Mt. Diablo fairy-lantern"

Family: Liliaceae

Life Form: Perennial herb (bulbiferous) **Blooms:** April-June
CNPS List: [1B] R/T/E in Cal. and elsewhere **R-E-D:** 2-2-3
State: None
Federal: None
Counties: Contra Costa, Solano [?]
Quads: Antioch South (464A), Clayton (464B), Diablo (464C), Tassajara (464D), Walnut Creek (465A), Briones Valley (465B), Las Trampas Ridge (465D), Benicia (482C), Mt. Vaca (499A) [?]
Habitat: Chaparral, Cismontane woodland, Riparian woodland, Valley and foothill grassland
Notes: Does plant occur in SOL Co.? Threatened by grazing, urbanization, horticultural collection, and feral pigs. See Journal of Ecology 75:977-995 (1987) for population biology.

DELPHINIUM RECURVATUM

"recurved larkspur"

Family: Ranunculaceae

Life Form: Perennial herb **Blooms:** March-May
CNPS List: [1B] R/T/E in Cal. and elsewhere **R-E-D:** 1-2-3
State: None
Federal: [C2] Data insufficient to support federal listing
Counties: Alameda, Contra Costa, Colusa, Fresno, King, Kern, Merced, San Luis Obispo, Solano, Tulare
Quads: Panorama Hills (217B), Wells Ranch (217C), Painted Rock (218A), Chimineas Ranch (218B), Caliente Mtn. (218D), Stevens (240C), Gosford (240D), East Elk Hills (241C), Tupman (241D), West Elk Hills (242D), Simmler (243C), McKittrick Summit (243D), Pond (264A), Wasco (264D), Lost Hills NE (265A), Lost Hills NW (265B), Semitropic (265D), Sawtooth Ridge (267A), Sausalito School (287B), Pixley (288A), Delano West (288D), Avenal Gap (290C), Garza Peak (291B), Pyramid Hills (291D), Guernsey (312B), Curry Mountain (315C), Domengine Ranch (338D), Jameson (359B), Helm (359D), Ortigalita Peak NW (383B), Byron Hot Springs (463C), Clifton Court Forebay (463D), Allendale (498B), Salt Canyon (547D)
Habitat: Chenopod scrub, Cismontane woodland, Valley and foothill grassland, Vernal pools / alkaline
Notes: Many historical occurrences need field surveys. Much habitat converted to agriculture; also threatened by grazing. Abundant on Carrizo Plain in 1995.

ESCHSCHOLZIA RHOMBIPETALA

"diamond-petaled California poppy"

Family: Papaveraceae

Life Form: Annual herb **Blooms:** March-April
CNPS List: [1A] Presumed extinct in California **R-E-D:** *
State: None
Federal: [C2] Data insufficient to support federal listing
Counties: Alameda [extirpated], Contra Costa [extirpated], Colusa [extirpated], San Luis Obispo, Stanislaus [extirpated]
Quads: Las Yeguas Ranch (243B) [extirpated], Simmler (243C), La Panza (244C) [? (extirpated)], Patterson (424B) [extirpated], Westley (443C) [extirpated], Midway (445A) [extirpated], Byron Hot Springs (463C) [extirpated], Antioch South (464A) [extirpated], Antioch North (481D) [extirpated], Sites (563D) [extirpated]

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ESCHSCHOLZIA RHOMBIPETALA (cont.)

Habitat: Valley and foothill grassland (alkaline, clay)

Notes: Rediscovered on Carrizo Plain by David Keil in 1992; not seen in 1995 surveys. Historical occurrence for SJQ Co. from literature lacks documentation; occurrence from La Panza, SLO Co. (244C) probably misidentified *E. lemmonii* ssp. *lemmonii*. Threatened by agriculture and grazing.

HELIANTHELLA CASTANEA

"Diablo helianthella"

Family: Asteraceae

Life Form: Perennial herb

Blooms: April-June

CNPS List: [1B] R/T/E in Cal. and elsewhere

R-E-D: 3-2-3

State: None

Federal: [C2] Data insufficient to support federal listing

Counties: Alameda, Contra Costa, Marin [extirpated], San Francisco [extirpated], San Mateo

Quads: Dublin (446B), Hayward (447A), San Francisco South (448B), Byron Hot Springs (463C), Antioch South (464A), Clayton (464B), Diablo (464C), Tassajara (464D), Walnut Creek (465A), Briones Valley (465B), Oakland East (465C) [extirpated], Las Trampas Ridge (465D), Richmond (466A), San Rafael (467A) [extirpated], Benicia (482C), Mare Island (483D)

Habitat: Broadleaved upland forest, Chaparral, Cismontane woodland, Coastal scrub, Riparian woodland, Valley and foothill grassland

Notes: Threatened by urbanization, grazing, and fire suppression.

HESPEROLINON BREWERI

"Brewer's western flax"

Family: Linaceae

Life Form: Annual herb

Blooms: May-July

CNPS List: [1B] R/T/E in Cal. and elsewhere

R-E-D: 2-2-3

State: None

Federal: [C2] Data insufficient to support federal listing

Counties: Contra Costa, Napa, Solano

Quads: Antioch South (464A), Clayton (464B), Diablo (464C), Tassajara (464D), Mt. Vaca (499A), Capell Valley (499B), Mt. George (499C), Monticello Dam (515D)

Habitat: Chaparral, Cismontane woodland, Valley and foothill grassland / mostly serpentinite

Notes: Need information on status of occurrences. Threatened by development, and several occurrences threatened by construction of Los Vaqueros Reservoir. See University of California Publications in Botany 32:235-314 (1961) for taxonomic treatment.

LASTHENIA CONJUGENS

"Contra Costa goldfields"

Family: Asteraceae

Life Form: Annual herb

Blooms: March-June

CNPS List: [1B] R/T/E in Cal. and elsewhere

R-E-D: 3-3-3

State: None

Status Report: 1979

Federal: [PE] Proposed, endangered

Counties: Alameda [extirpated], Contra Costa, Mendocino [extirpated], Napa, Santa Barbara [extirpated], Santa Clara [extirpated], Solano

Quads: Carpinteria (142A) [extirpated], Goleta (143A) [extirpated], San Jose East (427D) [extirpated], Newark (447D) [extirpated], Byron Hot Springs (463C) [extirpated], Walnut Creek (465A) [extirpated], Denverton (481B), Antioch North (481D), Fairfield South (482A), Benicia (482C), Cuttings Wharf

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LASTHENIA CONJUGENS (cont.)

(483A), Elmira (498C), Capell Valley (499B) [extirpated], Mt. George (499C) [extirpated], Napa (500D) [extirpated], Calistoga (517D) [extirpated], Point Arena (537B) [extirpated]

Habitat: Cismontane woodland, Valley and foothill grassland, Vernal pools / mesic

Notes: Known from approximately ten occurrences after comprehensive 1993-1995 surveys. Many historical occurrences extirpated by development and agriculture; also threatened by overgrazing and non-native plants.

MONARDELLA ANTONINA SSP. *ANTONINA*

"San Antonio Hills monardella"

Family: Lamiaceae

Life Form: Perennial herb (rhizomatous)

Blooms: June-August

CNPS List: [3] More information is needed.

R-E-D: ?-?-3

State: None

Federal: [C3c] Too widespread and/or not threatened

Counties: Alameda [?], Contra Costa [?], Monterey, San Benito [?], Santa Clara [?]

Quads: Williams Hill (295A), Reliz Canyon (319A), Soberanes Point (344B), Panoche (362D) [?], Hollister (385C) [?], Niles (446C) [?], Tassajara (464D) [?], Briones Valley (465B) [?]

Habitat: Chaparral, Cismontane woodland

Notes: Move to List 4? Easily confused with *M. villosa* ssp. *villosa*, which may be the taxon occurring in ALA, CCA, SBT, and SCL counties; needs clarification.

TROPIDOCARPUM CAPPARIDEUM

"caper-fruited tropidocarpum"

Family: Brassicaceae

Life Form: Annual herb

Blooms: March-April

CNPS List: [1A] Presumed extinct in California

R-E-D: *

State: None

Status Report: 1988

Federal: [C2*] Data insufficient to support listing; plant presumed extinct

Counties: Alameda [extirpated], Contra Costa [extirpated], Glenn [extirpated], Monterey [extirpated], Santa Clara [extirpated], San Joaquin [extirpated]

Quads: Cosio Knob (318C) [extirpated], Palo Alto (428B) [extirpated], Cupertino (428D) [extirpated], Tracy (444B) [extirpated], Midway (445A) [extirpated], Altamont (445B) [extirpated], Woodward Island (463A) [extirpated], Byron Hot Springs (463C) [extirpated], Clifton Court Forebay (463D) [extirpated], Clayton (464B) [extirpated], Willows (578C) [extirpated]

Habitat: Valley and foothill grassland (alkaline hills)

Notes: Recent attempts to rediscover this plant have been unsuccessful.

CLASS	COMMONNAME	LATIN NAME	OBS	EXP	BREEDING	COMMENTS
Amphibians	Arboreal Salamander	<i>Aneides lugubris</i>		X		
Amphibians	Bullfrog	<i>Rana catesbeiana</i>		X		
Amphibians	California Newt, Coast Range	<i>Taricha torosa</i>		X		
Amphibians	California Slender Salamander	<i>Batrachoseps attenuatus</i>		X		
Amphibians	Ensatina, Yellow-eyed	<i>Ensatina eschscholtzi</i>				
Amphibians	Foothill Yellow-legged Frog	<i>Rana boylei</i>				UNLIKELY
Amphibians	Pacific Treefrog	<i>Hyla regilla</i>	X		X	100'S OF TADPOLES
Amphibians	Red-legged Frog, California	<i>Rana aurora draytonii</i>	X		X	UP TO 80 FROGS IN RV. CREEK, BREEDING POND ON FOSKETT
Amphibians	Rough-skinned Newt, Northern	<i>Taricha granulosa</i>				
Amphibians	Tiger Salamander, California	<i>Ambystoma tigrinum californiense</i>		X		POSSIBLE BUT NO BREEDING SITES
Amphibians	Western Spadefoot Toad	<i>Scaphiopus hammondi</i>				
Amphibians	Western Toad, California	<i>Bufo boreas</i>	X		X	1000'S OF TADPOLES
Birds	Acorn Woodpecker	<i>Melanerpes formicivorus</i>	X		X	
Birds	Allen's Hummingbird	<i>Selasphorus sasin</i>	X		X	
Birds	American Avocet	<i>Recurvirostra americana</i>				
Birds	American Bittern	<i>Botaurus lentiginosus</i>				
Birds	American Coot	<i>Fulica americana</i>				
Birds	American Crow	<i>Corvus brachyrhynchos</i>	X		X	
Birds	American Dipper	<i>Cinclus mexicanus</i>				
Birds	American Goldfinch	<i>Carduelis tristis</i>		X		
Birds	American Green-winged Teal	<i>Anas crecca</i>				
Birds	American Kestrel	<i>Falco sparverius</i>	X		X	
Birds	American Robin	<i>Turdus migratorius</i>	X		X	
Birds	American White Pelican	<i>Pelecanus erythrorhynchos</i>				
Birds	American Wigeon	<i>Anas americana</i>				
Birds	Anna's Hummingbird	<i>Calypte anna</i>	X		X	
Birds	Arctic Loon	<i>Gavia arctica</i>				
Birds	Ash-throated Flycatcher	<i>Myiarchus cinerascens</i>	X		X	
Birds	Baird's Sandpiper	<i>Calidris bairdii</i>				
Birds	Bald Eagle	<i>Haliaeetus leucocephalus</i>				
Birds	Band-tailed Pigeon	<i>Columba fasciata</i>	X			
Birds	Bank Swallow	<i>Riparia riparia</i>				
Birds	Barn Swallow	<i>Hirundo rustica</i>	X			
Birds	Barrow's Goldeneye	<i>Bucephala islandica</i>				
Birds	Belted Kingfisher	<i>Ceryle alcyon</i>		X		
Birds	Bewick's Wren	<i>Thryomanes bewickii</i>	X		X	
Birds	Black Phoebe	<i>Sayornis nigricans</i>	X		X	
Birds	Black Scoter	<i>Melanitta nigra</i>				
Birds	Black Tern	<i>Chlidonias niger</i>				
Birds	Black Turnstone	<i>Arenaria melanocephala</i>				
Birds	Black-bellied Plover	<i>Pluvialis squatarola</i>				
Birds	Black-chinned Hummingbird	<i>Archilochus alexandri</i>				
Birds	Black-chinned Sparrow	<i>Spizella atrogularis</i>				
Birds	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>				
Birds	Black-headed Grosbeak	<i>Pheucticus melanocephalus</i>		X		
Birds	Black-necked Stilt	<i>Himantopus mexicanus</i>				
Birds	Black-throated Gray Warbler	<i>Dendroica nigrescens</i>		X		
Birds	Blue Grosbeak	<i>Guiraca caerulea</i>				
Birds	Blue-gray Gnatcatcher	<i>Poliophtila caerulea</i>				
Birds	Blue-winged Teal	<i>Anas discors</i>				
Birds	Bonaparte's Gull	<i>Larus philadelphia</i>				
Birds	Brandt's Cormorant	<i>Phalacrocorax penicillatus</i>				
Birds	Brewer's Blackbird	<i>Euphagus cyanocephalus</i>		X		
Birds	Brown Creeper	<i>Certhia americana</i>		X	X	
Birds	Brown Pelican	<i>Pelecanus occidentalis</i>				
Birds	Brown Towhee	<i>Pipilo fuscus</i>	X		X	
Birds	Brown-headed Cowbird	<i>Molothrus ater</i>		X		
Birds	Bufflehead	<i>Bucephala albeola</i>				
Birds	Burrowing Owl	<i>Athene (Speotyto) cunicularia</i>	X			UNDETERMINED KNOWN TO OCCUR IN MAIN VALLEY AREA
Birds	Bushtit	<i>Psaltirparus minimus</i>	X		X	
Birds	California Black Rail	<i>Laterallus jamaicensis coturniculus</i>				
Birds	California Clapper Rail	<i>Rallus longirostris obsoletus</i>				
Birds	California Gull	<i>Larus californicus</i>				
Birds	California Quail	<i>Callipepla californica</i>	X		X	
Birds	California Thrasher	<i>Toxostoma redivivum</i>		X		
Birds	Calliope Hummingbird	<i>Stellula calliope</i>				
Birds	Canada Goose	<i>Branta canadensis</i>				
Birds	Canvasback	<i>Aythya valisineria</i>				
Birds	Canyon Wren	<i>Catherpes mexicanus</i>				
Birds	Caspian Tern	<i>Sterna caspia</i>				
Birds	Cattle Egret	<i>Bubulcus ibis</i>				
Birds	Cedar Waxwing	<i>Bombycilla cedrorum</i>		X		MIGRANT
Birds	Chestnut-backed Chickadee	<i>Parus rufescens</i>	X		X	
NOTE: OBS = OBSERVED, EXP = EXPECTED						

CLASS	COMMONNAME	LATIN NAME	OBS	EXP	BREEDING	COMMENTS
Birds	Chipping Sparrow	<i>Spizella passerina</i>		X		
Birds	Cinnamon Teal	<i>Anas cyanoptera</i>				
Birds	Cliff Swallow	<i>Hirundo pyrrhonota</i>	X			
Birds	Common Barn Owl	<i>Tyto alba</i>	X		X	
Birds	Common Goldeneye	<i>Bucephala clangula</i>				
Birds	Common Loon	<i>Gavia immer</i>				
Birds	Common Merganser	<i>Mergus merganser</i>				
Birds	Common Moorhen (Gallinule)	<i>Gallinula chloropus</i>				
Birds	Common Murre	<i>Uria aalge</i>				
Birds	Common Poorwill	<i>Phalaenoptilus nuttallii</i>		X		
Birds	Common Raven	<i>Corvus corax</i>	X			
Birds	Common Snipe	<i>Gallinago gallinago</i>				
Birds	Common Tern	<i>Sterna hirundo</i>				
Birds	Common Yellowthroat	<i>Geothlypis trichas</i>		X		
Birds	Cooper's Hawk	<i>Accipiter cooperii</i>		X		
Birds	Dark-eyed (Oregon) Junco	<i>Junco hyemalis</i>	X		X	
Birds	Dark-eyed (Slate-colored) Junco	<i>Junco hyemalis</i>				
Birds	Double-crested Cormorant	<i>Phalacrocorax auritus</i>				
Birds	Downy Woodpecker	<i>Picoides pubescens</i>	X		X	
Birds	Dunlin	<i>Calidris alpina</i>				
Birds	Dusky Flycatcher	<i>Empidonax oberholseri</i>				
Birds	Eared Grebe	<i>Podiceps nigricollis</i>				
Birds	Elegant Tern	<i>Sterna elegans</i>				
Birds	Eurasian Wigeon	<i>Anas penelope</i>				
Birds	European Starling	<i>Sturnus vulgaris</i>	X		X	
Birds	Ferruginous Hawk	<i>Buteo regalis</i>				
Birds	Forster's Tern	<i>Sterna forsteri</i>				
Birds	Fox Sparrow	<i>Passerella iliaca</i>				
Birds	Gadwall	<i>Anas strepera</i>				
Birds	Glaucous Gull	<i>Larus hyperboreus</i>				
Birds	Glaucous-winged Gull	<i>Larus glaucescens</i>				
Birds	Golden Eagle	<i>Aquila chrysaetos</i>	X		X	NESTING IN OAK WOODLANDS WITHIN 0.25 MILE OF MIWOK TRAIL
Birds	Golden-crowned Kinglet	<i>Regulus satrapa</i>				
Birds	Golden-crowned Sparrow	<i>Zonotrichia atricapilla</i>	X		X	WINTERING
Birds	Grasshopper Sparrow	<i>Ammodramus savannarum</i>		X		
Birds	Great Blue Heron	<i>Ardea herodias</i>				
Birds	Great Egret	<i>Casmerodius albus</i>				
Birds	Great Horned Owl	<i>Bubo virginianus</i>		X	X	
Birds	Greater Roadrunner	<i>Geococcyx californianus</i>				
Birds	Greater Scaup	<i>Aythya marila</i>				
Birds	Greater White-fronted Goose	<i>Anser albifrons</i>				
Birds	Greater Yellowlegs	<i>Tringa melanoleuca</i>				
Birds	Green-backed Heron	<i>Butorides striatus</i>		X		
Birds	Hairy Woodpecker	<i>Picoides villosus</i>		X		
Birds	Hammond's Flycatcher	<i>Empidonax hammondi</i>				
Birds	Heermann's Gull	<i>Larus heermanni</i>				
Birds	Hermit Thrush	<i>Catharus guttatus</i>		X		
Birds	Hermit Warbler	<i>Dendroica occidentalis</i>				
Birds	Herring Gull	<i>Larus argentatus</i>				
Birds	Hooded Merganser	<i>Lophodytes cucullatus</i>				
Birds	Hooded Oriole	<i>Icterus cucullatus</i>				
Birds	Horned Grebe	<i>Podiceps auritus</i>				
Birds	Horned Lark	<i>Eremophila alpestris</i>		X		
Birds	House Finch	<i>Carpodacus mexicanus</i>	X		X	
Birds	House Sparrow	<i>Passer domesticus</i>				
Birds	House Wren	<i>Troglodytes aedon</i>		X	X	
Birds	Hutton's Vireo	<i>Vireo huttoni</i>	X		X	
Birds	Killdeer	<i>Charadrius vociferus</i>	X		X	
Birds	Lark Sparrow	<i>Chondestes grammacus</i>		X		
Birds	Lawrence's Goldfinch	<i>Carduelis lawrencei</i>				
Birds	Lazuli Bunting	<i>Passerina amoena</i>		X		
Birds	Least Sandpiper	<i>Calidris minutilla</i>				
Birds	Least Tern	<i>Sterna antillarum browni</i>				
Birds	Lesser Golden-Plover	<i>Pluvialis dominica</i>				
Birds	Lesser Goldfinch	<i>Carduelis psaltria</i>		X		
Birds	Lesser Scaup	<i>Aythya affinis</i>				
Birds	Lesser Yellowlegs	<i>Tringa flavipes</i>				
Birds	Lewis' Woodpecker	<i>Melanerpes lewis</i>				
Birds	Lincoln's Sparrow	<i>Melospiza lincolni</i>				
Birds	Loggerhead Shrike	<i>Lanius ludovicianus</i>	X		X	POSSIBLY NESTING, COURTSHIP OBSERVED
Birds	Long-billed Curlew	<i>Numenius americanus</i>				
Birds	Long-billed Dowitcher	<i>Limnodromus scolopaceus</i>				
Birds	Long-eared Owl	<i>Asio otus</i>				
Birds	MacGillivray's Warbler	<i>Oporornis tolmiei</i>		X		

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CLASS	COMMONNAME	LATIN NAME	OBS	EXP	BREEDING	COMMENTS
Birds	Mallard	<i>Anas platyrhynchos</i>	X		X	
Birds	Marbled Godwit	<i>Limosa fedoa</i>				
Birds	Marsh Wren	<i>Cistothorus palustris</i>				
Birds	Merlin	<i>Falco columbarius</i>		X		
Birds	Mew Gull	<i>Larus canus</i>				
Birds	Mountain Bluebird	<i>Sialia currucoides</i>				
Birds	Mourning Dove	<i>Zenaida macroura</i>	X		X	
Birds	Nashville Warbler	<i>Vermivora ruficapilla</i>				
Birds	Northern (Bullock's) Oriole	<i>Icterus galbula</i>	X		X	
Birds	Northern Flicker	<i>Colaptes auratus</i>	X		X	
Birds	Northern Harrier	<i>Circus cyaneus</i>		X		
Birds	Northern Mockingbird	<i>Mimus polyglottos</i>	X		X	
Birds	Northern Pintail	<i>Anas acuta</i>				
Birds	Northern Pygmy-Owl	<i>Glaucidium gnoma</i>		X		
Birds	Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>		X		
Birds	Northern Saw-whet Owl	<i>Aegolius acadicus</i>				
Birds	Northern Shoveler	<i>Anas clypeata</i>				
Birds	Nuttall's Woodpecker	<i>Picoides nuttallii</i>		X	X	
Birds	Oldsquaw	<i>Clangula hyemalis</i>				
Birds	Olive-sided Flycatcher	<i>Contopus borealis</i>				
Birds	Orange-crowned Warbler	<i>Vermivora celata</i>		X	X	OCCURS IN SURROUNDING CHAPARRAL
Birds	Osprey	<i>Pandion haliaetus</i>				
Birds	Parasitic Jaeger	<i>Stercorarius parasiticus</i>				
Birds	Pectoral Sandpiper	<i>Calidris melanotos</i>				
Birds	Pelagic Cormorant	<i>Phalacrocorax pelagicus</i>				
Birds	Peregrine Falcon	<i>Falco peregrinus</i>				
Birds	Phainopepla	<i>Phainopepla nitens</i>				
Birds	Pied-billed Grebe	<i>Podilymbus podiceps</i>				
Birds	Pine Siskin	<i>Carduelis pinus</i>				
Birds	Plain Titmouse	<i>Parus inornatus</i>	X		X	
Birds	Prairie Falcon	<i>Falco mexicanus</i>		X		POSSIBLE NESTER IN CLIFFS ON PROVIANCE
Birds	Purple Finch	<i>Carpodacus purpureus</i>	X		X	
Birds	Red Knot	<i>Calidris canutus</i>				
Birds	Red-breasted Merganser	<i>Mergerus serrator</i>				
Birds	Red-breasted Nuthatch	<i>Sitta canadensis</i>				
Birds	Red-breasted Sapsucker	<i>Sphyrapicus ruber</i>				
Birds	Red-necked Grebe	<i>Podiceps grisegena</i>				
Birds	Red-necked Phalarope	<i>Phalaropus lobatus</i>				
Birds	Red-shouldered Hawk	<i>Buteo lineatus</i>				
Birds	Red-tailed Hawk	<i>Buteo jamaicensis</i>	X		X	PROBABLE NEST NEAR STAGING AREA
Birds	Red-throated Loon	<i>Gavia stellata</i>				
Birds	Red-winged Blackbird	<i>Agelaius phoeniceus</i>	X			
Birds	Redhead	<i>Aythya americana</i>				
Birds	Ring-billed Gull	<i>Larus delawarensis</i>				
Birds	Ring-necked Duck	<i>Aythya collaris</i>				
Birds	Ring-necked Pheasant	<i>Phasianus colchicus</i>				
Birds	Rock Dove (Domestic Pigeon)	<i>Columba livia</i>		X		
Birds	Rock Wren	<i>Salpinctes obsoletus</i>		X		
Birds	Ross' Goose	<i>Chen rossii</i>				
Birds	Rough-legged Hawk	<i>Buteo lagopus</i>				
Birds	Ruby-crowned Kinglet	<i>Regulus calendula</i>		X	X	
Birds	Ruddy Duck	<i>Oxyura jamaicensis</i>				
Birds	Ruddy Turnstone	<i>Arenaria interpres</i>				
Birds	Rufous Hummingbird	<i>Selasphorus rufus</i>		X		SPRING AND FALL MIGRANT
Birds	Rufous-crowned Sparrow	<i>Aimophila ruficeps</i>				
Birds	Rufous-sided Towhee	<i>Pipilo erythrophthalmus</i>	X		X	
Birds	Sage Sparrow	<i>Amphispiza belli</i>				
Birds	Sanderling	<i>Calidris alba</i>				
Birds	Sandhill Crane	<i>Grus canadensis</i>				
Birds	Savannah Sparrow	<i>Passerculus sandwichensis</i>		X	X	
Birds	Saltmarsh Common Yellowthroat	<i>Geothlypis trichas sinuosa</i>				
Birds	Say's Phoebe	<i>Sayornis saya</i>		X		
Birds	Scrub Jay	<i>Aphelocoma coerulescens</i>	X		X	
Birds	Semipalmated Plover	<i>Charadrius semipalmatus</i>				
Birds	Sharp-shinned Hawk	<i>Accipiter striatus</i>		X		
Birds	Short-billed Dowitcher	<i>Limnodromus griseus</i>				
Birds	Short-eared Owl	<i>Asio flammeus</i>				
Birds	Snow Goose	<i>Chen caerulescens</i>				
Birds	Snowy Egret	<i>Egretta thula</i>				
Birds	Snowy Plover	<i>Charadrius alexandrinus nivosus</i>				
Birds	Solitary Vireo	<i>Vireo solitarius</i>		X		
Birds	Song Sparrow	<i>Melospiza meodia</i>	X		X	
Birds	Sora	<i>Porzana carolina</i>				
Birds	Spotted Sandpiper	<i>Actitis macularia</i>		X		
NOTE: OBS = OBSERVED, EXP = EXPECTED						

CLASS	COMMONNAME	LATIN NAME	OBS	EXP	BREEDING	COMMENTS
Birds	Stellar's Jay	<i>Cyanocitta stelleri</i>	X		X	
Birds	Suisun Song Sparrow	<i>Melospiza melodia</i>				
Birds	Surf Scoter	<i>Melanitta perspicillata</i>				
Birds	Surfbird	<i>Aphriza virgata</i>				
Birds	Swainson's Thrush	<i>Catharus ustulatus</i>		X		
Birds	Thayer's Gull	<i>Larus thayeri</i>				
Birds	Townsend's Solitaire	<i>Myadestes townsendi</i>				
Birds	Townsend's Warbler	<i>Dendroica townsendi</i>				
Birds	Tree Swallow	<i>Tachycineta bicolor</i>		X		
Birds	Tricolored Blackbird	<i>Agelaius tricolor</i>				
Birds	Tundra (Whistling) Swan	<i>Cygnus columbianus</i>				
Birds	Turkey Vulture	<i>Cathartes aura</i>	X			
Birds	Varied Thrush	<i>Ixoreus naevius</i>		X		
Birds	Vaux's Swift	<i>Chaetura vauxi</i>				
Birds	Violet-green Swallow	<i>Tachycineta thalassina</i>		X	X	
Birds	Virginia Rail	<i>Rallus limicola</i>				
Birds	Wandering Tattler	<i>Heteroscelus incanus</i>				
Birds	Warbling Vireo	<i>Vireo gilvus</i>				
Birds	Water Pipit	<i>Anthus spinoletta</i>				
Birds	Western Bluebird	<i>Sialia mexicana</i>		X	X	
Birds	Western Flycatcher	<i>Empidonax difficilis</i>				
Birds	Western Grebe	<i>Aechmophorus occidentalis</i>				
Birds	Western Gull	<i>Larus occidentalis</i>				
Birds	Western Kingbird	<i>Tyrannus verticalis</i>	X		X	
Birds	Western Meadowlark	<i>Sturnella neglecta</i>	X		X	
Birds	Western Sandpiper	<i>Calidris mauri</i>				
Birds	Western Screech-Owl	<i>Otus kennicottii</i>		X	X	
Birds	Western Tanager	<i>Piranga ludoviciana</i>		X		MIGRANT
Birds	Western Wood-Pewee	<i>Contopus sordidulus</i>				
Birds	Western Yellow-billed Cuckoo	<i>Coccyzus americanus occidentalis</i>				
Birds	Whimbrel	<i>Numenius phaeopus</i>				
Birds	White-breasted Nuthatch	<i>Sitta carolinensis</i>		X	X	
Birds	White-crowned Sparrow	<i>Zonotrichia leucophrys</i>	X		X	
Birds	White-throated Sparrow	<i>Zonotrichia albicollis</i>				
Birds	White-throated Swift	<i>Aeronautes saxatalis</i>				
Birds	White-tailed Kite	<i>Elanus leucurus</i>	X		X	
Birds	Wild Turkey	<i>Meleagris gallopavo</i>				
Birds	Willet	<i>Catoptrophorus semipalmatus</i>				
Birds	Willow Flycatcher	<i>Empidonax traillii</i>				
Birds	Wilson's Phalarope	<i>Phalaropus tricolor</i>				
Birds	Wilson's Warbler	<i>Wilsonia pusilla</i>	X			
Birds	Winter Wren	<i>Troglodytes troglodytes</i>				
Birds	Wood Duck	<i>Aix sponsa</i>				
Birds	Wrentit	<i>Chamaea fasciata</i>				
Birds	Yellow Warbler	<i>Dendroica petechia brewsteri</i>				
Birds	Yellow-billed Magpie	<i>Pica nuttalli</i>		X		
Birds	Yellow-breasted Chat	<i>Icteria virens</i>				
Birds	Yellow-headed Blackbird	<i>Xanthocephalus xanthocephalus</i>				
Birds	Yellow-rumped (Audubon's) Warbler	<i>Dendroica coronata</i>		X		WINTER
Birds	Yellow-rumped (Myrtle) Warbler	<i>Dendroica coronata</i>		X		WINTER
Mammals	Audubon Cottontail	<i>Sylvilagus audubonii</i>	X		X	
Mammals	Badger	<i>Taxidea taxus</i>	X		X	OBSERVED IN ROUND VALLEY
Mammals	Big Brown Bat	<i>Eptesicus fuscus</i>				
Mammals	Black Rat	<i>Rattus rattus</i>				
Mammals	Black-tailed Hare	<i>Lepus californicus</i>		X	X	
Mammals	Bobcat	<i>Lynx rufus</i>	X		X	OBSERVED IN ROUND VALLEY
Mammals	Botta Pocket Gopher	<i>Thomomys bottae</i>	X		X	
Mammals	Brazilian Free-tailed Bat	<i>Tadarida brasiliensis</i>		X		
Mammals	Broad-footed Mole	<i>Scapanus latimanus</i>		X	X	
Mammals	Brush Mouse	<i>Peromyscus boylii</i>		X	X	
Mammals	Brush Rabbit	<i>Sylvilagus bachmani</i>		X		
Mammals	California Ground Squirrel	<i>Spermophilus beecheyi</i>	X		X	
Mammals	California Meadow Mouse	<i>Microtus californicus</i>	X		X	
Mammals	California Mouse	<i>Peromyscus californicus</i>		X	X	
Mammals	California Myotis	<i>Myotis californicus</i>		X	X	
Mammals	California Pocket Mouse	<i>Perognathus californicus</i>		X	X	
Mammals	Common Opossum	<i>Didelphis marsupialis</i>		X	X	
Mammals	Coyote	<i>Canis latrans</i>	X		X	
Mammals	Deer Mouse	<i>Peromyscus maniculatus</i>		X	X	
Mammals	Desert Wood Rat	<i>Neotoma lepida</i>				
Mammals	Dusky-footed Wood Rat	<i>Neotoma fuscipes</i>		X	X	
Mammals	Fox Squirrel	<i>Sciurus niger</i>				
Mammals	Fringed Myotis	<i>Myotis thysanodes</i>				
Mammals	Gray Fox	<i>Urocyon cinereoargenteus</i>		X	X	
Mammals	Hairy-winged Myotis	<i>Myotis volans</i>				

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CLASS	COMMONNAME	LATIN NAME	OBS	EXP	BREEDING	COMMENTS
Mammals	Heermann Kangaroo Rat	<i>Dipodomys heermanni</i>				
Mammals	Hoary Bat	<i>Lasiurus cinereus</i>				
Mammals	House Mouse	<i>Mus domesticus</i>		X	X	
Mammals	Kit Fox, San Joaquin	<i>Vulpes macrotis</i>	X		X	CONFIRMED IN ROUND VALLEY BY 1992 SURVEY
Mammals	Little Pocket Mouse	<i>Perognathus longimembris</i>				
Mammals	Long-eared Myotis	<i>Myotis evotis</i>				
Mammals	Long-tailed Weasel	<i>Mustela frenata</i>				
Mammals	Lump-nosed Bat	<i>Plecotus townsendii</i>				
Mammals	Mountain Lion	<i>Felis concolor</i>		X		
Mammals	Mule Deer	<i>Odocoileus hemionus</i>	X		X	
Mammals	Muskrat	<i>Ondatra zibethica</i>				
Mammals	Norway Rat	<i>Rattus norvegicus</i>				
Mammals	Ornate Shrew	<i>Sorex ornatus</i>				
Mammals	Pallid Bat	<i>Antrozous pallidus</i>		X		
Mammals	Pinyon Mouse	<i>Peromyscus truei</i>		X	X	
Mammals	Raccoon	<i>Procyon lotor</i>	X		X	
Mammals	Red Bat	<i>Lasiurus borealis</i>		X		
Mammals	Red Fox	<i>Vulpes fulva</i>		X		
Mammals	Ringtail	<i>Bassariscus astutus</i>				
Mammals	Salt Marsh Harvest Mouse	<i>Reithrodontomys raviventris</i>				
Mammals	Saltmarsh Wandering Shrew	<i>Sorex vagrans halicoetes</i>				
Mammals	San Pablo Vole	<i>Microtus californicus</i>				
Mammals	Silvery-haired Bat	<i>Lasionycteris noctivagans</i>				
Mammals	Spotted Skunk	<i>Spilogale putorius</i>				
Mammals	Striped Skunk	<i>Mephitis mephitis</i>		X	X	
Mammals	Trowbridge Shrew	<i>Sorex trowbridgii</i>		X	X	
Mammals	Vagrant Shrew	<i>Sorex vagrans</i>				
Mammals	Western Harvest Mouse	<i>Reithrodontomys megalotis</i>		X	X	
Mammals	Western Pipistrelle	<i>Pipistrellus hesperus</i>		X		
Mammals	Yuma Myotis	<i>Myotis yumanensis</i>		X		
Reptiles	Blunt-nosed Leopard Lizard	<i>Gambelia silus</i>				
Reptiles	California Black-headed Snake	<i>Tantilla planiceps</i>				
Reptiles	California Legless Lizard, Silvery	<i>Anniella pulchra</i>				
Reptiles	California Mountain Kingsnake, Coast	<i>Lampropeltis zonata</i>				
Reptiles	Coachwhip, San Joaquin Whipsnake	<i>Masticophis flagellum</i>		X		
Reptiles	Coast Horned Lizard, California	<i>Phrynosoma coronatum</i>		X		UNLIKELY
Reptiles	Common Garter Snake, San Francisco	<i>Thamnophis sirtalis</i>				
Reptiles	Common Garter Snake, Valley	<i>Thamnophis sirtalis</i>				
Reptiles	Common Garter Snake, Calif. Red-sided	<i>Thamnophis sirtalis</i>		X		
Reptiles	Common Kingsnake, California	<i>Lampropeltis getulus</i>		X	X	
Reptiles	Gilbert's Skink, Variegated	<i>Eumeces gilberti</i>		X	X	
Reptiles	Glossy Snake, California	<i>Arizona elegans</i>				
Reptiles	Gopher Snake, Pacific	<i>Pituophis melanoleucus</i>		X	X	
Reptiles	Long-nosed Snake, Western	<i>Rhinocheilus lecontei</i>				
Reptiles	Night Snake, California	<i>Hypsiglena torquata</i>		X		ONE FOUND IN MORGAN TERRITORY 1994
Reptiles	Northern Alligator Lizard, SF	<i>Gerrhonotus coeruleus</i>				
Reptiles	Racer, Western Yellow-bellied	<i>Coluber constrictor</i>	X		X	
Reptiles	Ringneck Snake, Pacific	<i>Diadophis punctatus</i>		X	X	
Reptiles	Rubber Boa, Pacific	<i>Charina bottae</i>				
Reptiles	Sagebrush Lizard, Northern	<i>Sceloporus graciosus</i>	X		X	
Reptiles	Sharp-tailed Snake	<i>Contia tenuis</i>		X		
Reptiles	Side-blotched Lizard, California	<i>Uta stansburiana</i>				
Reptiles	Southern Alligator Lizard, Calif.	<i>Gerrhonotus multicarinatus</i>	X		X	
Reptiles	Striped Racer, Alameda	<i>Masticophis lateralis lateralis</i>	X		X	
Reptiles	Western Aquatic Garter Snake	<i>Thamnophis couchi</i>				
Reptiles	Western Aquatic Garter Snake, S. Cruz	<i>Thamnophis couchi</i>				
Reptiles	Western Fence Lizard, Northwestern	<i>Sceloporus occidentalis</i>	X		X	
Reptiles	Western Pond Turtle	<i>Clemmys marmorata</i>	X		X	IN MAIN CREEK
Reptiles	Western Rattlesnake, North Pacific	<i>Crotalus viridis</i>	X		X	OBSERVED IN ROUND VALLEY
Reptiles	Western Skink, Western subsp.	<i>Eumeces skiltonianus</i>				
Reptiles	Western Terrestrial Garter Snake	<i>Thamnophis elegans</i>		X		
Reptiles	Western Whiptail, California	<i>Cnemidophorus tigris</i>	X		X	
Reptiles	Whipsnake, Alameda	<i>Masticophis lateralis euryxanthus</i>		X	X	POSSIBLE, PHOTO(UNIDENTIFIED TO SUBSPECIES)
Invertebrates	Longhorned Fairy Shrimp	<i>Branchinecta longiantenna</i>				
Invertebrates	Vernal Pool Fairy Shrimp	<i>Branchinecta lynchi</i>				
NOTE: OBS = OBSERVED, EXP = EXPECTED						

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